

**LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

ATTY. DOCK NO.
152934-0019SERIAL NO.
10/074,604APPLICANT:
Lawrence R. FinchamFILING DATE:
February 11, 2002GROUP:
Not yet assignedRECEIVED
MAY 13 2002
Technology Center 2000

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
JM	AA	5,727,066 TRADEMARK	03/10/1998	Elliott et al.	381	1	04/27/1993
↓	AB	5,862,227	01/19/1999	Orduna-Bustamante et al.	381	17	08/24/1995
↓	AC	5,949,894	09/07/1999	Nelson et al.	381	300	03/18/1997

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO.
JM	AD	WO 94/01981	01/20/1994	PCT			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	AE	Lopez, Jose, et al., "3-D Audio With Dynamic Tracking For Multimedia Environments," Universidad Politecnica de Valencia, Departamento de Comunicaciones, Grao de Gandia, Spain
JM	AF	Brown, C. Phillip, et al., "A Structural Model for Binaural Sound Synthesis," IEEE Transactions on Speech and Audio Processing, Vol. 6, No. 5, September 1998
↓	AG	Jost, Adrian, et al., "Transaural 3-D With User-Controlled Calibration," Proceedings of the COST G-6 Conference on Digital Audio Effects (DAFX-00), Verona, Italy, December 7-9, 2000
↓	AH	Jot, Jean-Marc, "Synthesizing Three-Dimensional Sound Scenes in Audio or Multimedia Production and Interactive Human-Computer Interfaces," 5 th International Conference: Interface to Real & Virtual Worlds, Montpellier, France, May 1996
↓	AI	Kyriakakis, Chris, "Fundamental and Technological Limitations of Immersive Audio Systems," Proceedings of the IEEE, Vol. 86, No. 5, May 1998
↓	AJ	Kendall, Gary S., "A 3D Sound Primer," Center for Music Technology, School of Music, Northwestern University, printout from website (www.northwestern.edu/musicschool/classes/3D/pages/sndPrmGK.html), printed Jan. 4, 2002
↓	AK	Soebo, Asbjorn, "Effect of Early Reflections in Binaural Systems With Loudspeaker Reproduction," Acoustics Group, Department of Telecommunications, Norwegian University of Science and Technology (NTNU), Proc. 1999 IEEE Workshop on Applications of Signal Processing to Audio and Acoustics, New Paltz, New York, Oct. 17-20, 1999
↓	AL	Zurek, P.M., "The Precedence Effect," <u>Directional Hearing</u> , Springer-Verlag, New York, 1987, pp. 85-105
↓	AM	Trahiotis, Bernstein, "Some Modern Techniques and Devices Used to Preserve and Enhance the Spatial Qualities of Sound," <u>Directional Hearing</u> , Springer-Verlag, New York, 1987, pp. 279-290
↓	AN	"Virtual Acoustics Project," Institute of Sound and Vibration Research, University of Southampton, printout from website (www.isvr.soton.ac.uk/FDAG/vap/), Feb. 4, 1998
↓	AO	Kahana, et al, "Multi-Channel Sound Reproduction using a Four-Ear Dummy-Head," presented at the 102 nd Audio Engineering Society Convention, March 22-25, 1997, Munich, Germany

EXAMINER:

DATE CONSIDERED:

4/12/03

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

ATTY. DOCK NO.
152934-0019SERIAL NO.
10/074,604

• LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT:
Lawrence R. FinchamFILING DATE:
February 11, 2002GROUP:
Not yet assigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
EXAMINER INITIAL		
	✓ AP	Kahana, et al, "Objective and Subjective Assessment of Systems for the Production of Virtual Acoustic Images for Multiple Listeners," presented at the 102 nd Audio Engineering Society Convention, March 22-25, 1997, Munich, Germany
	✓ AQ	Kahana, et al, "A Multiple Microphone Recording Technique for the Generation of Virtual Acoustic Images," Journal of the Acoustical Society of America, Vol. 105, No. 3, March 1999, pp. 1503-1516
	✓ AR	Kirkeby, et al, "Local Sound Field Reproduction using Digital Signal Processing," Journal of the Acoustical Society of America, Vol. 100, No. 3, September 1996, pp. 1584-1593
	✓ AS	Kirkeby, et al, "Virtual Source Imaging Over Loudspeakers," Proceedings of the Institute of Acoustics, Vol. 19: Part 6, 1997
	✓ AT	Kirkeby, et al, "The 'Stereo Dipole': Binaural Sound Reproduction using Two Closely Spaced Loudspeakers," presented at the 102 nd Audio Engineering Society Convention, March 22-25, 1997, Munich, Germany
	✓ AU	Kirkeby, et al, "Acoustic Fields Generated by Virtual Source Imaging Systems," Proceedings of Active 97, The 1997 International Symposium on Active Control of Sound and Vibration, August 21-23, 1997, Budapest, Hungary, pp. 941-954
	✓ AV	Nelson, et al, "Adaptive Inverse Filters for Stereophonic Sound Reproduction," IEEE Transactions on Signal Processing, Vol. 40, No. 7, July 1992, pp. 1621-1632
	✓ AW	Nelson, P. A., "Active Control of Acoustic Fields and the Reproduction of Sound," Journal of Sound and Vibration, Vol. 177, No. 4, 11/3/1994, pp. 447-477
	✓ AX	Nelson, et al, "Inverse Filter Design and Equalization Zones in Multichannel Sound Reproduction," IEEE Transactions on Speech and Audio Processing, Vol. 3, No. 3, May 1995, pp. 185-192
	✓ AY	Nelson, et al, "Multichannel Signal Processing Techniques in the Reproduction of Sound," Journal of the Audio Engineering Society, Vol. 44, No. 11, November 1996, pp. 973-989
	✓ AZ	Nelson, et al, "Experiments on a System for the Synthesis of Virtual Acoustic Sources," Journal of the Audio Engineering Society, Vol. 44, No. 11, November 1996, pp. 990-1007
	✓ BA	Nelson, et al, "Sound Fields for the Production of Virtual Acoustic Images," Journal of Sound and Vibration, Vol. 204, No. 2, 1997, pp. 386-396
	✓ BB	Takeuchi, et al, "The Effects of Reflections on the Performance of Virtual Acoustic Imaging Systems," Proceedings of Active 97, The 1997 International Symposium on Active Control of Sound and Vibration, August 21-23, 1997, Budapest, Hungary, pp. 927-940

RECEIVED
MAY 13 2002
Technology Center 2600

EXAMINER:	DATE CONSIDERED:
<i>John Miller</i>	11/19/03
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 157835-0008	SERIAL NO. 10/074,604
	APPLICANT: Lawrence R. Fincham	
	FILING DATE: February 11, 2002	GROUP: 2644

RECEIVED

AUG 13 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
Jm		EP 0404 117 A2	12/27/90	EP		X	
J		GB 2 074 823 A	11/4/81	GB		X	
✓		JP11-318000	11/16/99	JP		X (abstract only)	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		

EXAMINER: 	DATE CONSIDERED: 11/19/03
--	------------------------------

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant